[0015] According to another aspect, the detected motion is relative to an orientation of the electronic equipment.

[0016] According to another aspect, at least one of the pan or zoom motions is user configurable.

[0017] According to another aspect, user configurable pan or zoom motions can include at least one of defining motion along each axis to correspond to a pan or zoom function, and adjusting pan and/or zoom rates.

[0018] According to another aspect, the electronic equipment is a mobile phone.

[0019] According to another aspect, the electronic equipment is at least one of a personal audio device, a personal video device or a personal digital assistant.

[0020] Another aspect of the invention relates to a method of viewing a virtual image on an electronic equipment display, including moving the electronic equipment; detecting such moving; and in response to said moving of a prescribed character; and panning and/or zooming the virtual image on the display, wherein said panning and/or zooming corresponds to a direction and velocity of the detected moving.

[0021] Another aspect of the invention relates to panning and/or zooming on the virtual display in proportion to said velocity and direction.

[0022] Another aspect of the invention relates to conditioning the detected motion to filter out signals representing motion not representative of intended motion of the electronic equipment.

[0023] Another aspect of the invention, the prescribed character of motion includes at least one of acceleration, velocity, direction, directional change or rotation.

[0024] Another aspect of the invention relates to enabling or disabling motion detection via a user input.

[0025] Another aspect of the invention, enabling or disabling motion detection via a user input includes pressing and holding a key of the mobile phone to enable motion detection.

[0026] Another aspect of the invention relates to a computer program operable in electronic equipment, said electronic equipment including a display for viewing information, including code to operate the electronic equipment to detect the character of motion of such electronic equipment, and code for causing information to be panned or zoomed on the display, said panning and/or zooming corresponding to the detected character of motion, wherein said panning and/or zooming corresponds to a direction and velocity of the character of motion.

[0027] Another aspect of the invention relates to an electronic equipment that includes a display for viewing a virtual page, a transducer operable to detect motion of the electronic equipment, and a control circuit for providing information to the display. The control circuit is responsive to detected motion to perform at least one of a pan or zoom of information provided to the display, wherein said pan or zoom is substantially continuous with the detected motion.

[0028] To the accomplishment of the foregoing and the related ends, the invention, then, comprises the features hereinafter fully described in the specification and particularly pointed out in the claims, the following description and the annexed drawings setting forth in detail certain illustrative embodiments of the invention, these being indicative, however, of but several of the various ways in which the principles of the invention may be suitably employed.

[0029] Other systems, methods, features, and advantages of the invention will be or become apparent to one with skill in the art upon examination of the following drawings and detailed description. It is intended that all such additional systems, methods, features, and advantages be included within this description, be within the scope of the present invention, and be protected by the accompanying claims.

[0030] Although the invention is shown and described with respect to one or more embodiments, it is to be understood that equivalents and modifications will occur to others skilled in the art upon the reading and understanding of the specification. The present invention includes all such equivalents and modifications, and is limited only by the scope of the claims.

[0031] Also, although the various features are described and are illustrated in respective drawings/embodiments, it will be appreciated that features of a given drawing or embodiment may be used in one or more other drawings or embodiments of the invention.

[0032] It should be emphasized that the term "comprise/comprising" when used in this specification is taken to specify the presence of stated features, integers, steps or components but does not preclude the presence or addition of one or more other features, integers, steps, components or groups thereof."

BRIEF DESCRIPTION OF THE DRAWINGS

[0033] Many aspects of the invention can be better understood with reference to the following drawings. The components in the drawings are not necessarily to scale, emphasis instead being placed upon clearly illustrating the principles of the present invention. Likewise, elements and features depicted in one drawing may be combined with elements and features depicted in additional drawings. Moreover, in the drawings, like reference numerals designate corresponding parts throughout the several views.

[0034] FIG. **1** is schematic illustration of an exemplary mobile phone.

[0035] FIG. **2** is a schematic block diagram of a number of exemplary relevant portions of the respective mobile phone of FIG. **1** in accordance with an embodiment of the present invention.

[0036] FIGS. **3**, **4** and **5** are, respectively, schematic illustrations of exemplary motion transducers providing for motion detection based on threshold, amplitude, or frequency.

[0037] FIG. **6**A is a schematic diagram illustrating motion of the mobile phone and exemplary interpretations of the motion.

[0038] FIG. **6**B is a schematic diagram illustrating exemplary panning of an image on a mobile phone display in accordance with the invention.

[0039] FIGS. **7**A-**7**C illustrate several views of an exemplary mobile phone display showing a map viewed with different levels of zoom in accordance with the invention.

[0040] FIGS. **8**A-**8**B are exemplary signals that may be generated using an accelerometer as the motion sensor.